Examines 6

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TI Iron alloy chisels for crushing refractories showing high resistance to settling, crack generation, and wear at high temperature

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SO Jpn. Kokai Tokkyo Koho, 6 pp.

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LA Japanese

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	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
ΡI	JP 11131193	A2	19990518	JP 1997-314541	19971031
	JP 1997-314541		19971031		
AB	The chisels are made of <b>Fe</b> alloys containing <b>C</b> 0.20-0.60,				
	$Si < 0.80, Mn 0.1-2.0, P \le 0.020, S \le 0.030,$				
	Cr 2.0-9.0, Mo 0.10-6.0, W 0.10-6.0, and				
	V 0.01-2.5 weight%. The <b>Fe</b> alloys may further contain (A)				
	Nb 0.01-1.5, Ta 0.01-1.5, Zr 0.01-1.5, Hf 0.01-1.5, Ti 0.01-1.5, Sc 0.001-1.5, and/or Y 0.001-1.5, and.or (B) Co 1.0-10.0, Ni 0.01-2.0, Cu 0.25-1.0, B 0.001-0.050, and/or REM 0.001-0.60 weight%.				

0.2-0.6 ( 40,8 Si Mn 6.1-2 60.02 P 60.03 S 2-9 Cr 0.01-1.5 Nb 0-1-6 Mo 1-10 % Co 0.1-6 W 0-01-2 Ni 0.01-2.5 V 0,2501 Cm 0.001-0.05 B 0

Fe